

B3
 Bnc'd requires all interconnect electrodes be on the top surface of the piezoelectric film.

B4 Page ~~3~~, line 20, after "manufacturing" add ~~F~~--and testing by microelectronic techniques--.

Page ~~3~~, lines 22, 23, and 24, delete all and replace with --Within the microelectronic manufacturing context piezoelectric resonator networks must be designed and patterned to be compatible with manufacturing methods not employed within the conventional quartz crystal industry.--

B5 Page ~~3~~, line 2~~6~~, after "circuitry" add ~~F~~--or for wafer scale testing during manufacturing--.

B7 Page ~~5~~, line 14, delete "FIG. 2A is a" and replace with --FIGS. 2A.1 and 2A.2 are perspective and--.

Page ~~5~~, line 14, delete "view" and replace with "views".

B8 Page ~~5~~, line 16, delete "FIG. 2B is a" and replace with --FIGS. 2B.1 and 2B.2 are perspective and--.

Page ~~5~~, line 1~~6~~, delete "view" and replace with --views--.

B9 Page ~~5~~, line 20, delete "FIG. 2C is a" and replace with --FIGS. 2C.1 and 2C.2 are perspective

Page ~~5~~, line 20, delete "view" and replace with --views--.

B10 Page ~~6~~, line ~~3~~, delete "FIG. 4 is a" and replace with --FIGS. 4A-B are perspective and--.

Page ~~6~~, line ~~3~~, delete "view" and replace with --views--.

B11 Page ~~6~~, line ~~3~~, after "3" add ~~F~~--such that both electrodes are on the top surface--.

B12 Page 6, line 9, delete "FIG. 7 is a" and replace with
--FIGS. 7A-C are perspective and".

Page 6, line 9, delete "view" and replace with
--views--.

B13 Page 6, line 14, delete "FIG. 9 is a" and replace with
--FIGS. 9A-C are perspective and".

Page 6, line 14, delete "view" and replace with
--views--.

Page 6, line 21, delete "cross sectional" and replace
with --perspective--.

Page 6, line 26, delete "cross sectional" and replace
with --perspective--.

B14 Page 6, line 6, delete "FIG. 17 is a" and replace with
~~FIGS. 17A-B are perspective and--.~~

Page 6, line 6, delete "view" and replace with
--views--.

B15 Page 6, line 11, delete "FIG. 19 is a" and replace with
~~FIGS. 19A-B are perspective and--.~~

Page 6, line 11, delete "view" and replace with
--views--.

B16 Page 6, line 18, delete "FIG. 22 is a" and replace with
~~FIGS. 22A-B are perspective and--.~~

Page 6, line 18, delete "view" and replace with
--views--.

B17 Page 6, line 24, delete "FIG. 24 is a" and replace with
~~FIGS. 24A-B are perspective and--.~~

Page 6, line 24, delete "view" and replace with
--views--.

Page 8, line 2, delete "the" and replace with --a--.

B18 Page 8, line 2, after "network" add ~~equivalent to~~
that--.

B19 Page 8, line 5, add new line ~~Prior Art Design~~--.

Page 8, line 18, before "filter" add --simple--.

B20 Page 8, line 26, delete "FIG. 2A illustrates" and
replace with --FIGS. 2A.1 and 2A.2 illustrate--.

Page 8, line 6, after "surfaces" add --42 and 44--.

Page 8, line 9, after "lines" add --in FIG. 2A.2--.

Page 8, line 16, delete "FIG. 2B shows" and replace
with --FIGS. 2B.1 and 2B.2 show--.

B21 Page 8, line 18, after "silicon" add --for a transducer
or resonator--.

B22 Page 10, line 4, delete "FIG. 2C shows" and replace
with --FIGS. 2C.1 and 2C.2 show--.

B23 Page 10, line 10, delete "is" and replace with --may
be--.

B24 Page 10, line 14, delete "FIG. 2C" and replace with
--FIGS. 2C.1 and 2C.2 with substrate 32 eliminated from the
drawings--.

B25 Page 11, line 12, after "implementation" add --with
wafer scale manufacturing--.

B26 Page 11, line 23, after "steps" add --and the
processing steps and chemical composition might not be compatible
with the substrate 32 material--.

B27 Page 11, line 24, add new line "The Method of the
Invention--.

Page 13, line 4, after "the" add --perspective and--.

Page 13, line 4, delete "view" and replace with
"views".

Page ~~13~~, line 5, delete "FIG. 4" and replace with

B28 --FIGS. 4A-B--.

Page ~~14~~, line 27, at end add --For example, a one

B29 GigaHz aluminum nitride resonator 400 micrometers x 400 micrometers x 5 micrometers thick has a capacitive reactor of 50 ohms. Such a resonator could be decomposed into two resonators each 566 micrometers x 566 micrometers and series connected. The increase in device area caused by the decomposition is partially offset by not having to etch a via to gain access to bottom electrode or provide for insulating the bottom electrode extension from substrate 32.--

Page ~~15~~, line 4, delete "electrodes M1 and M3" and replace with --electrode M2--.

B30 Page ~~15~~, line 6, delete "electrode M2" and replace with --electrodes M1 and M3--.

Page ~~16~~, line 19, after "30." delete to end of paragraph.

B31 Page ~~16~~, line 8, delete "FIG. 7 is a cross section" and replace with --FIGS. 7A-C are perspective and cross sectional views--.

Page ~~16~~, line 9, delete "," replace with --.--

Page ~~16~~, line 10, delete all.

B32 Page ~~16~~, line 11, "delete M1 and M3" and replace with --M1, M3, and MG--.

Page ~~16~~, line 14, delete "layers" and replace with --layer--.

Page ~~16~~, line 15, delete "and MG are" and replace with --is--.

Page ~~16~~, line 16, delete "portion" and replace with
--portions--.

Page ~~16~~, line 17, delete "one pair" and replace with
--pairs--.

B33 Page ~~16~~, line 18, delete all, replace with --resonators
X1, X2, and X3, respectively.

B34 Page ~~18~~, line 19, delete "forms the resonator X2." and
replace with --The darker shading of FIG. 7A illustrates the top
and bottom electrode overlap regions that form resonators X1, X2,
and X3.--

Page ~~16~~, line 26, after "32" add --(not shown)--.

B35 Page ~~17~~, line 20, delete "FIG. 9 is a" and replace with
--FIGS. 9A-C are perspective and--.

Page ~~17~~, line 20, delete "view" and replace with
--views--.

B36 Page ~~17~~, line ~~26~~, after "lines" add --or heavy
shading--.

Page ~~18~~, line ~~9~~, delete "the" replace with --an--.

Page ~~18~~, line ~~9~~, delete "of" and replace with --similar
to--.

Page ~~18~~, line 26, delete "series".

Page ~~18~~, line 4, delete "X2" and replace with --X1--.

Page ~~18~~, line 11, delete "cross sectional" and replace
with --perspective--.

B37 Page ~~18~~, line 12, delete "Electrode M1" and replace
with --Electrodes M1 and MG2--.

B38 Page ~~18~~, line 13, delete "is adjacent to the lower" and
replace with --are on upper--.

Page ~~18~~, line 13, delete "44" and replace with --42--.

Page ~~19~~, line ~~13~~, delete "electrode" and replace with

B39 --electrodes MG1 and--.

Page ~~19~~, line 14, delete "upper" and replace with

--lower--.

Page ~~19~~, line 14, after "42." delete to end of paragraph.

Page ~~21~~, line 4, delete "cross sectional" and replace with --perspective--.

Page ~~21~~, line 6, delete "M1 and M3" and replace with

B40 --M1, M3, MG1, and MG2--.

Page ~~21~~, line 7, delete "lower" and replace with

--upper--.

Page ~~21~~, line 7, delete "44" and replace with --42--.

Page ~~21~~, line 8, after "circuitry." delete to end of line.

Page ~~21~~, line 9, delete "be understood the electrodes" and replace with --Electrodes M2,--.

Page ~~21~~, line 10, delete "upper" and replace with

--lower--.

Page ~~21~~, line 10, delete "42" and replace with --44--.

Page ~~21~~, line 10, after "30" delete to end of sentence.

Page ~~21~~, line 14, delete "upper" and replace with

--lower--.

Page ~~21~~, line 20, delete all to end of page.

Page ~~22~~, line 1, delete all.

Page ~~22~~, line 2, delete all.

Page ~~22~~, line 16, delete "cross sectional" and replace with --perspective--.

Page ~~28~~, line 17, after "FIG. 16" delete to end of sentence.

Page ~~28~~, line 21, delete "38" and replace with --40--.

Page ~~28~~, line 15, delete "cross sectional" and replace with --perspective--.

Page ~~28~~, line 17, delete "lower" and replace with --upper--.

Page ~~28~~, line 18, delete "44" and replace with --42--.

Page ~~28~~, line 18, after "." delete to end of line.

Page ~~28~~, lines 19-21, delete all.

Page ~~28~~, line 23, delete "upper" and replace with --lower--.

Page ~~28~~, line 23, delete "42" and replace with --44--.

Page ~~28~~, lines 1 through 10, delete all.

Page ~~28~~, line 20, delete "cross sectional" and replace with --perspective--.

Page ~~28~~, line 21, after "21" delete to end of sentence.

Page ~~28~~, line 27, delete "buried between" and replace with --adjacent to--.

Page ~~28~~, line 1, delete "and substrate 32".

Page ~~28~~, line 12, delete "Electrode MG (signal ground) is" and replace with --Electrodes MG1 and MG2 (signal grounds) are--.

Page ~~28~~, line 16, delete "20A" and replace with --25A--.

Page ~~28~~, line 17, delete M1 and M2" and replace with --M2 and M4--.

Page ~~28~~, line 17, delete "20B" and replace with --25B--.